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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,022	03/12/2001	Leif Einar Aune	3842-8	7351

7590 10/12/2004

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Arlington, VA 22201-4714

EXAMINER

BACKER, FIRMIN

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 10/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/803,022

Applicant(s)

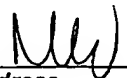
AUNE, LEIF EINAR

Examiner

Firmin Backer

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 June 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Response to Request for Reconsideration***

This is in response to a request for reconsideration file June 30<sup>th</sup>, 2004. Claims 1-15 are being reconsidered in this action.

***Response to Arguments***

1. Applicant's arguments with respect to claims 1-15 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Selgas et al (U.S. PG Pub 2004/0030752) in view of Modarressi et al (U.S. Patent No. 6,667,971).

4. As per claims 1, 6 and 11, Selgas et al teach a method for assigning unique identifiers for allowing communication between a GPRS (General Packet Radio Service) system (*IP network, Fig 2*) and a RADIUS (Remote Authentication Dial In User Service) server, including connecting one or more external networks to the GPRS system and identifying the each network

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with an APN (Access Point Name), and assigning to an or each APN external network a gateway address (*see fig 1, 2, paragraphs 0059, 0061, 0062, 0071*), passing an APN-external network authentication request (*authentication information*) from a GGSN (Gateway GPRS Support Node) to the RADIUS server (*see paragraphs 0106*), providing from the RADIUS server to the GGSN upon such request a subscriber IP (Internet Protocol) address to be stored in the GGSN (Gateway GPRS Support Node) (*see paragraphs 0111*), the subscriber IP address being unique for the respective APN external network defined in the GGSN (*paragraphs 0112*). Selgas et al fail to teach an inventive concept of using the GGSN for combining the APN gateway address and the subscriber IP address, to form a unique subscriber identifier. However, Modarressi et al teach an inventive concept of combining the APN gateway address and the subscriber IP address, to form a unique subscriber identifier and sending from the GGSN the identifier to the RADIUS server for accounting, (*see abstract, column 9 lines 21-40*). Therefore, it would have been obvious to one of ordinary skill in that art at the invention was made to modify the inventive concept of Selgas et al to include an inventive concept of Modarressi et al combining the APN gateway address and the subscriber IP address, to form a unique subscriber identifier and sending from the GGSN the identifier to the RADIUS server for accounting because this would have facilitated the establishment of communication in order for the user to interact with the system, thereby provide an improve network address method for network device that use an internet protocol.

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5. As per claim 2, 7 and 12, Selgas et al teach a method wherein two or more of the APN external networks are provided with same subscriber IP address, but different gateway addresses to yield different unique APN identifiers (*see fig 1, 2, paragraphs 0059, 0061, 0062, 0071*).

6. As per claim 3, 8 and 13, Selgas et al teach a method wherein two or more subscribers are present in at least one of the networks, each subscriber in a common network being provided with its own subscriber IP address, but same network gateway address (*see fig 1, 2, paragraphs 0059, 0061, 0062, 0071*).

7. As per claim 4, 5, 9, 10, 14 and 15, Selgas et al teach a method wherein the identifier is a code/ASCII string having as a first element the gateway address of the APN external network in question and as a second element the subscriber IP address appended thereto (*see fig 1, 2, paragraphs 0059, 0061, 0062, 0071*).

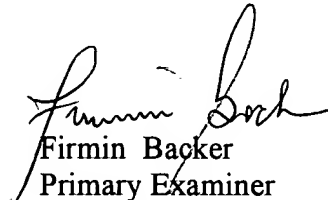
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Firmin Backer whose telephone number is (703) 305-0624. The examiner can normally be reached on Mon-Thu 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on (703) 305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Firmin Backer  
Primary Examiner  
Art Unit 3621

October 7, 2004